



Stop Fire Hazards, Prevent Loss of Lives and Property by FLAMEPROOFING

with

**FLAMORT
FIRE
RETARDANTS**

**FIREHOLD
FIRE
RETARDANT PAINT**

FLAMORT CHEMICAL CO.

*Manufacturers and Distributors
of Fireproofing Chemicals and Fire Retardant Paints*

746 NATOMA STREET . . . SAN FRANCISCO 3, CALIFORNIA

Telephone: MArket 1-7825

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FLAMORT CHEMICAL COMPANY

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FLAMORT FIRE RETARDANTS

FREE LABORATORY SERVICE . . . WRITE FOR LITERATURE and SPECIFICATIONS

Selection Chart . . . Flamort Fire Retardants

TYPE	PURPOSE	SPECIAL FEATURES
Flamort "WC"	For flameproofing unfinished lumber, plywood, prefabricated construction, fibre board, acoustical board, insulation board, excelsior, paper, paper products, split bamboo, matchstick-curtains.	A colorless surface impregnation. Does not change color of treated wood. Water soluble wood stains may be added. Listed by Underwriters' Laboratories, Inc. Complies with Fed. Spec. SS-A-118b Calif. State Fire Marshal Reg. No. C-4.4. In Accordance with Title 19 Calif. Health and Safety Code.
Flamort "WCC"	For flameproofing wherever treated wood comes into direct contact with metal.	Surface impregnation. Will slightly discolor wood because of an added anti-corrosion agent.
"Firehold" Fire Retardant Paint	For flameproofing wood (painted or unpainted), shingles, wallboard, stage settings, also metal surfaces. For exterior & interior use.	Available in white and 8 basic colors. Retards fire and is decorative, too — used as any ordinary paint. No irritating odor. Washable. Listed by Underwriters' Laboratories, Inc., for use on wood, interior, when applied in two coats each at a rate not exceeding 175 sq. ft. per gallon (net coverage 87½ sq. ft. per gallon). Complies with Fed. Spec. SS-A-118b.
Flamort "Plastic Coat P.W."	For flameproofing cellulose board and corrugated paper.	Colorless, transparent. May be used as finish coat or may be covered with paint, enamel or varnish. Approved by the State of California Fire Marshal for use on cellulose board and corrugated paper, coverage 150 sq. ft. net, Reg. No. C-4.8. Complies with Federal Specification SS-A-118b.
Flamort "Plastic Coat Clear"	For flameproofing Christmas trees, foliage, palm fronds, cellophane, paper, raffia, matting, plastic foam.	Colorless, transparent. Calif. State Fire Marshal Reg. No. C-4.6.
Flamort "T"	For flameproofing all textiles (except Acetate rayon) including velour, velvet, sateen, damask, viscose rayon, drapes, upholstery, rugs.	Does not affect color or strength of material. No efflorescence. No odor. Calif. State Fire Marshal Reg. No. C-4.
Flamort "TC"	For flameproofing duck, drill, burlap, monk's cloth, mattress covers, work clothing.	Does not impair tensile strength. No odor. Harmless to skin. Calif. State Fire Marshal Reg. No. C-4.1.
Flamort "Protextile"	For flameproofing AND mothproofing of textiles in one operation.	Calif. State Fire Marshal Reg. No. C-4.2. Reg. with Dept. of Agriculture.
Flamort "U"	For flameproofing Acetate rayon, Celanese, Nylon.	Calif. State Fire Marshal Reg. No. C-4.7.

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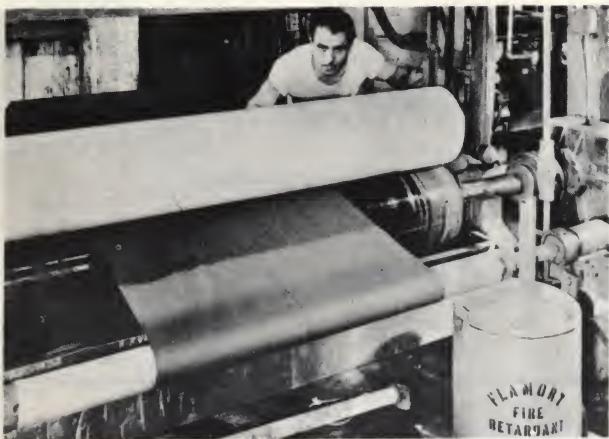
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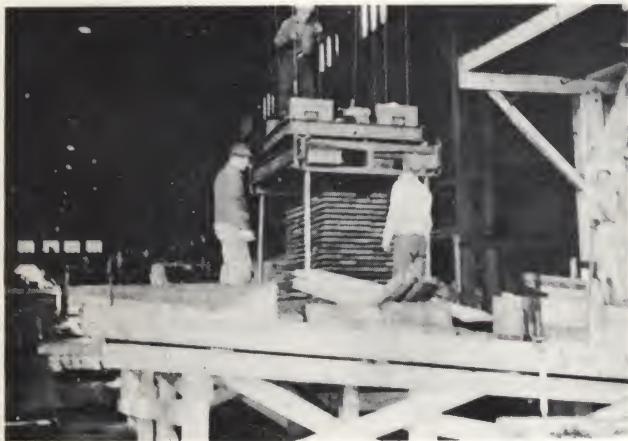
APPLICATION	COVERAGE	SHIPPING INFORMATION
<p>WOOD, PLYWOOD, FIBRE BOARD, etc.</p> <p><u>Spraying:</u> The flameproofing solution is prepared by dissolving the compound in water, 3 lbs. per gallon of water. Spray equipment: (a) most economical 150 gallon orchard sprayer with a Bean pump, No. 32 flat head, various nozzles, extensions. Pressure 250-400 lbs. (b) Compressor, 1/3 h.p. motor, 3-5 gal. tank, extensions. (c) Hudson type spray gun, 2-3 gal. capacity. The surface to be treated has to be sprayed in three applications. Polished furniture, metal surfaces and waxed floors should be covered before spraying. Spray equipment has to be rinsed with water after use.</p> <p><u>Immersion:</u> For treating of plywood, acoustical boards, fibreboards or large quantities of wood (siding, trim, shingles). Painted surfaces cannot be treated with Flamort WC or WCC.</p> <p><u>Coating:</u> Flamortized surfaces can be varnished, lacquered, or painted after having been dried thoroughly. For exterior use flamortized surfaces can be sealed in by the use of an exterior paint or weatherproof coating.</p> <p><u>PAPER, PAPER PRODUCTS.</u></p> <p><u>Paper:</u> The flameproofing solution is prepared by dissolving Flamort WC in water, 3 lbs. per gallon. Paper is either sprayed in one application or immersed.</p> <p><u>Corrugated Board:</u> The flameproofing solution is prepared by dissolving Flamort WC in water, 4 lbs. per gallon. Board is sprayed from both sides and along the edges or treated by immersion.</p>	<p>1 gal. solution covers 110 sq. ft. of lumber (28 lbs. WC compound per 1000 sq. ft.) or 60 sq. ft. of cellulose board (50 lbs. WC compound per 1000 sq. ft.) in three applications.</p> <p>Average retention is 2 lbs. for a 4 x 8 ft. plywood panel.</p> <p>1 gal. solution covers approx. 400 sq. ft.</p> <p>1 gal. solution covers approx. 300 sq. ft.</p>	<p>Classification: Fire-proofing compound NOIBN 3rd class, No. 4410, Tariff 2 S.</p> <p>Fibre drums containing: 12 lbs., 15 lbs., 21 lbs., 51 lbs., 99 lbs., 198 lbs. net.</p>
<p>Stir thoroughly, brush or spray as ordinary oil paint. Apply 2-3 coats. A second coat should be applied when the first coat is thoroughly dry and hard. Use mineral spirits as thinner if necessary.</p>	1 gallon covers 175-300 sq. ft. per coat.	Ready for use in 1 gal. and 5 gal. containers.
<p>Comes ready for use or in concentrated powder form, to be mixed with water. (23 lbs. powder required to make 5 gallons coating.) Use brush or spray gun, apply in 2-3 coats, 12 hours drying time between coats. The plastic powder and the solution release strong formaldehyde odor. Use adequate ventilation. Mask for applicators recommended (American Optical Co. R 5051 Respirator for organic vapors and gases).</p>	1 gal. covers 150 sq. ft. in two net coats.	Concentrated powder in fibre drums 125 lbs. net. Ready for use in 5 gal. pails. Other sizes upon request.
<p>This chemical is sold in a concentrated solution, and may be diluted with water according to need, depending on the material to be treated. Use full strength for Christmas trees, foliage and palm fronds. Use spray gun or Hudson type sprayer. Do not leave treated articles outdoors.</p>	1 gal. treats five 5-foot Christmas trees or one 12-foot tree.	Available in quart cans; 1 gal. cans; 5 gal. pails; 55 gal. drums.
<p>Comes as concentrated compound or in solution ready for use. Prepare flameproofing solution by dissolving compound in water, 1 lb. per gal. of water, 2 lbs. per gal. for canvas. Allow to settle.</p> <p><u>Spraying:</u> Apply enough solution to make fabric definitely moist. Use fog nozzle for delicate materials, coarse nozzle for most materials. Velvets, velours should be treated from reverse side. Rinse spray equipment after use.</p> <p>Immersion treatment used in laundries or dye works for bolt goods mostly.</p> <p>Fabrics should be cleaned before flameproofing, should be tested for color-fastness. Flamortized fabrics have to be re-treated after laundering.</p>	1 gal. will treat approximately 100 sq. ft. heavy or 200 sq. ft. light material.	Concentrated compound in fibre drums: 5 lbs., 10 lbs., 20 lbs., 50 lbs., 100 lbs., and 200 lbs. net.
<p>Comes as concentrated compound or in solution ready for use. Prepare flameproofing solution by dissolving compound in water, 3 lbs. per gallon of water. Treatment by spraying or immersion same as for Flamort T.</p>	1 gal. will treat approximately 100 sq. ft. heavy or 200 sq. ft. light material.	Ready for use in 1 gal. cans, 5 gal. cans and 55 gal. drums.



Flameproofing of bolt goods.



Flameproofing on location.



Wood is given fire-retardant treatment at lumbermill.



U. S. Navy Hospital constructed of fire retardant wood.



Flamortizing interior of Llewellyn and Llewellyn Chop Mill, Wilbur, Washington.



Close-up method of applying Flamort Fire Retardant to a home under construction. Spray guns are connected to pressure tanks for application.

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From the collection of:

Mike Jackson, FAIA



Flamortizing interior of Llewellyn and Llewellyn
Chop Mill, Wilbur, Washington.

Close-up method of applying Flamort Fire Retardant to
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